

FIG.7A One-to-Ohe Correspondence

ICS

ICS

ICS

ICS

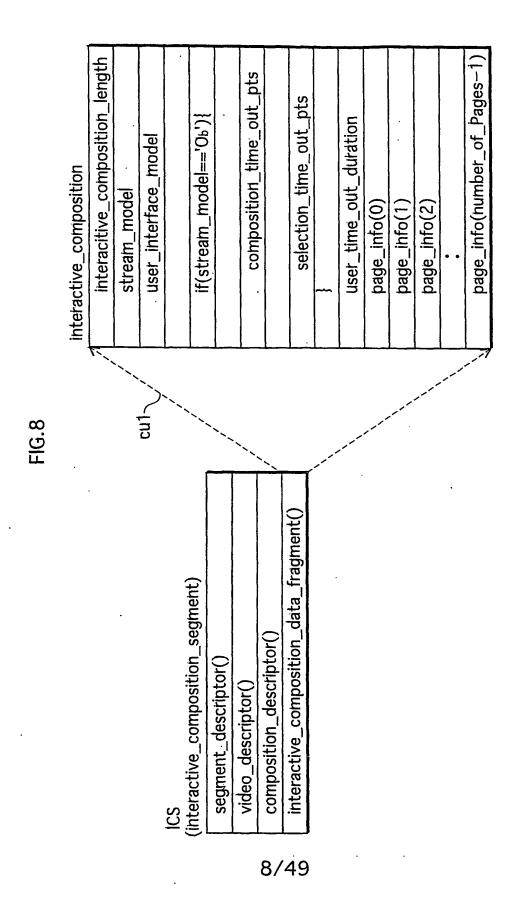
Interactive

ICS

ICS

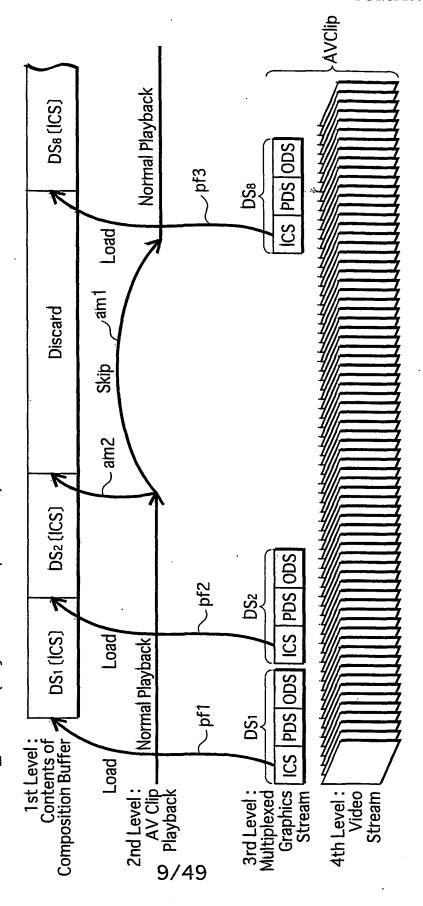
Interactive

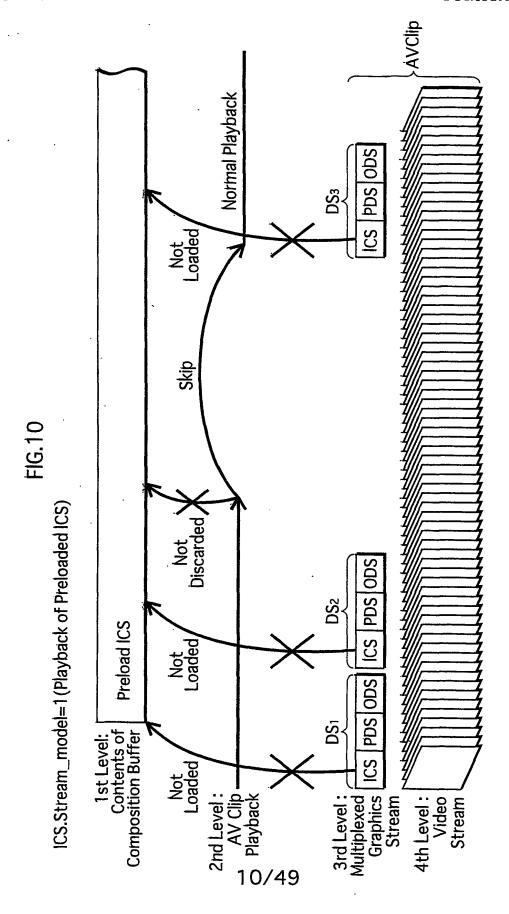
Intera

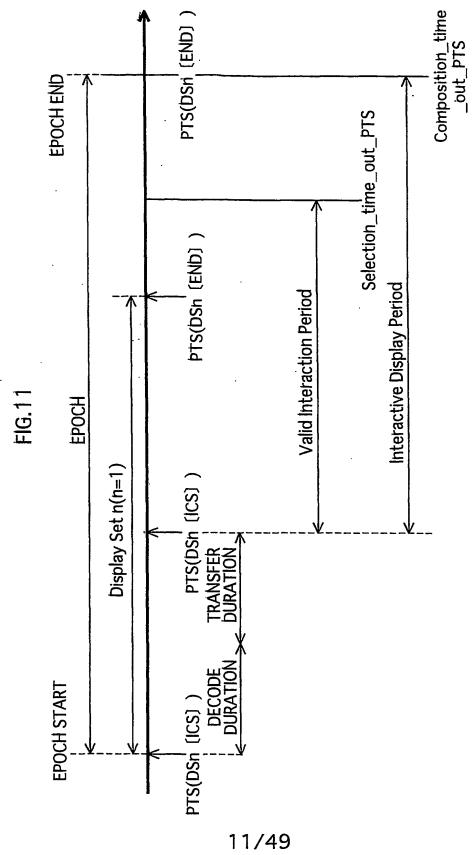


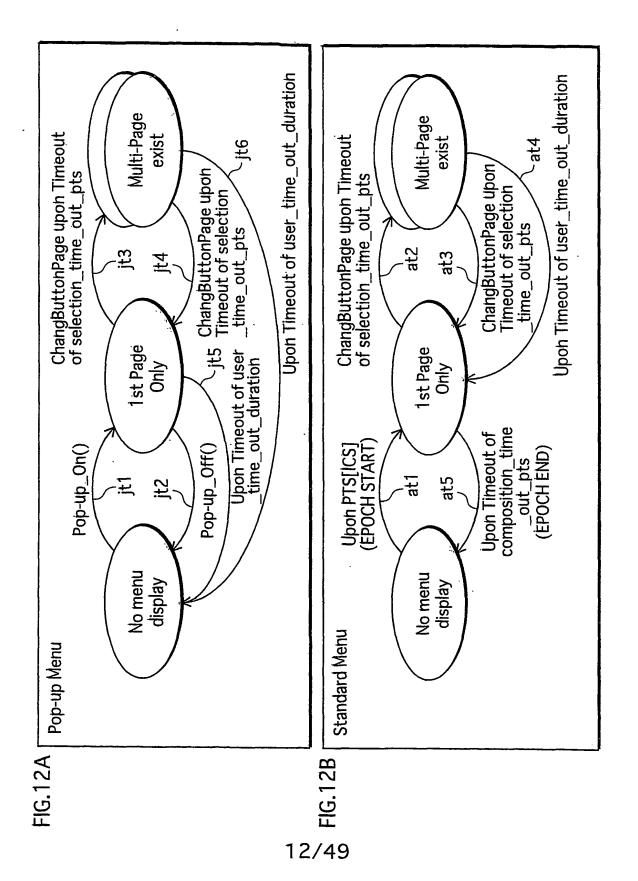
ICS.Stream_model=0(Playback of Multiplexed ICS)

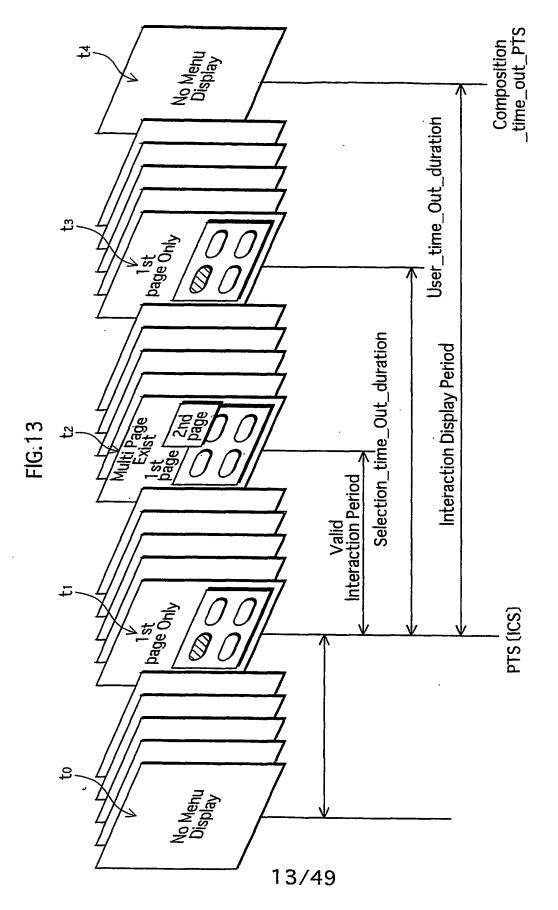
FIG.9

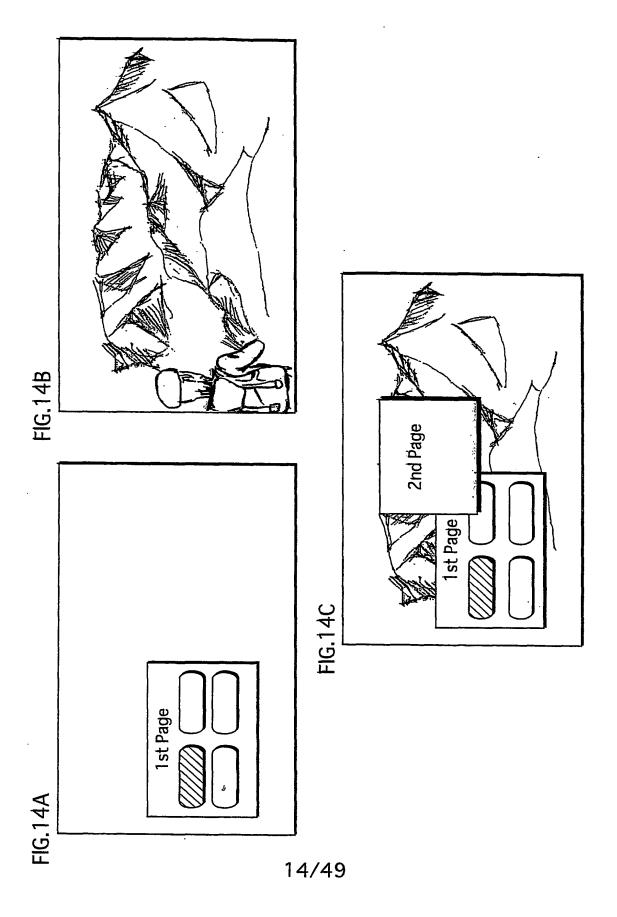


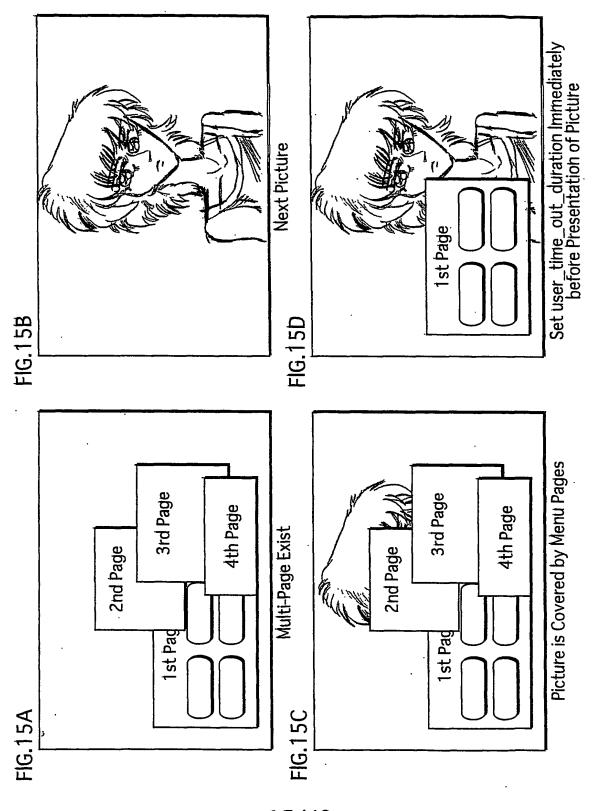






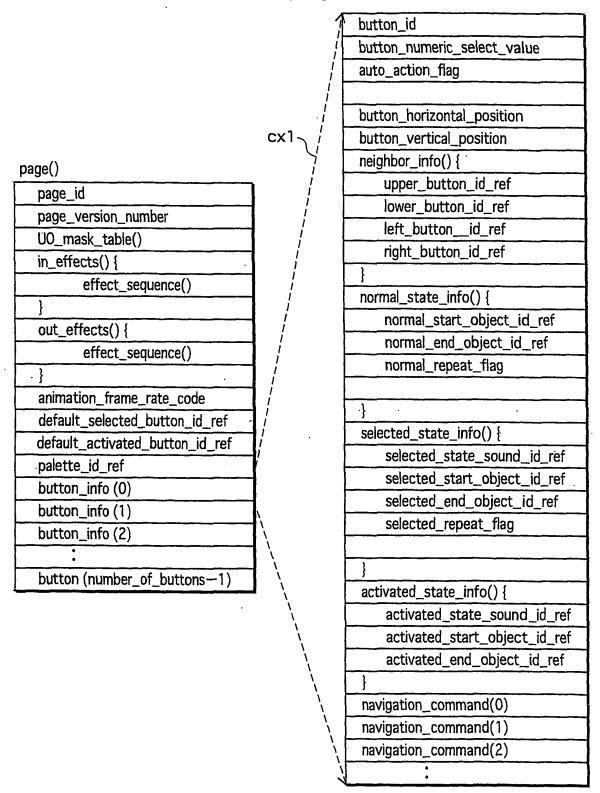






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FIG.16



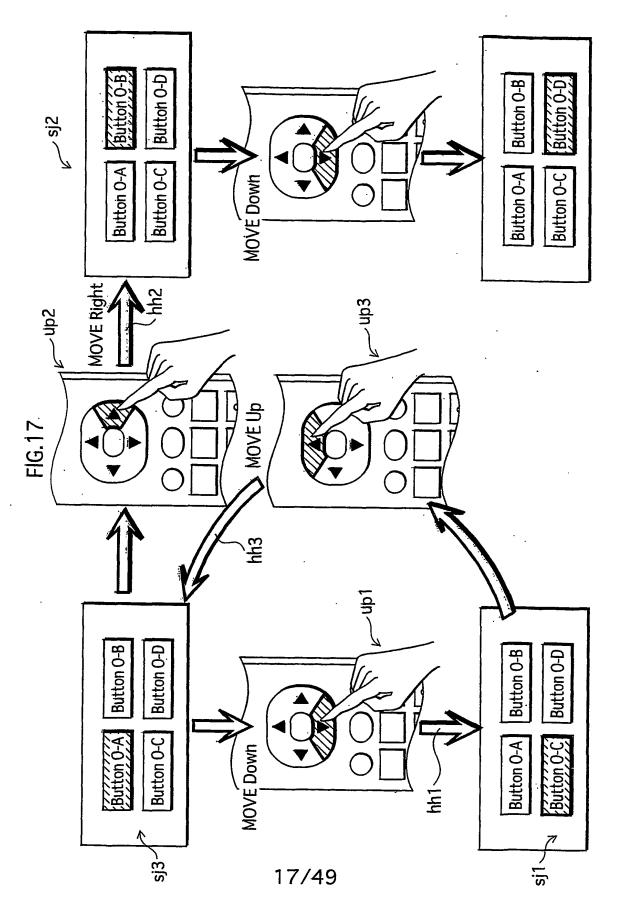


FIG.18

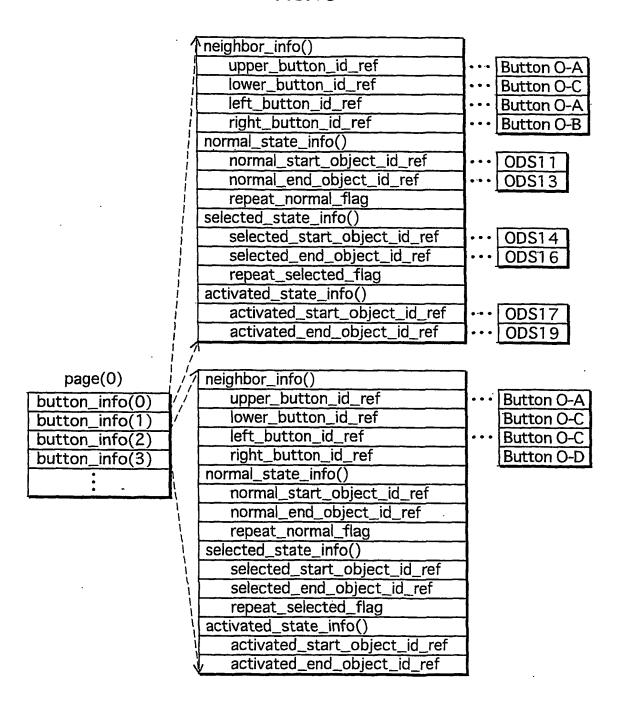
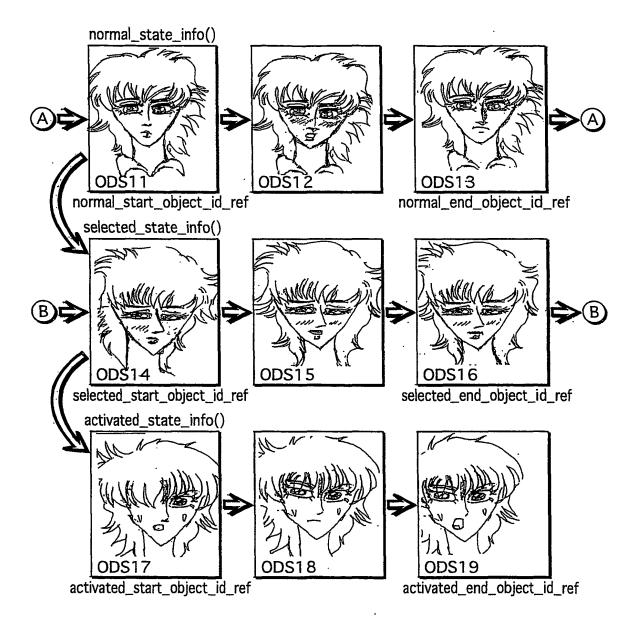
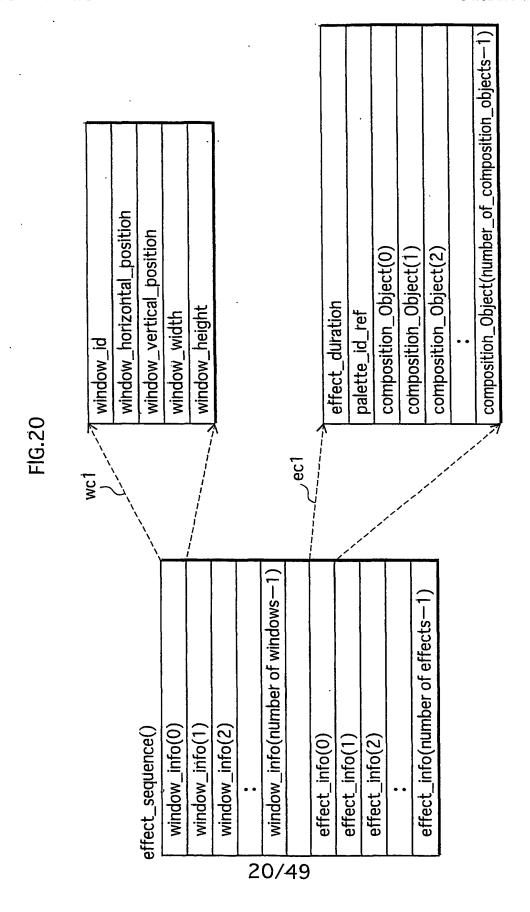
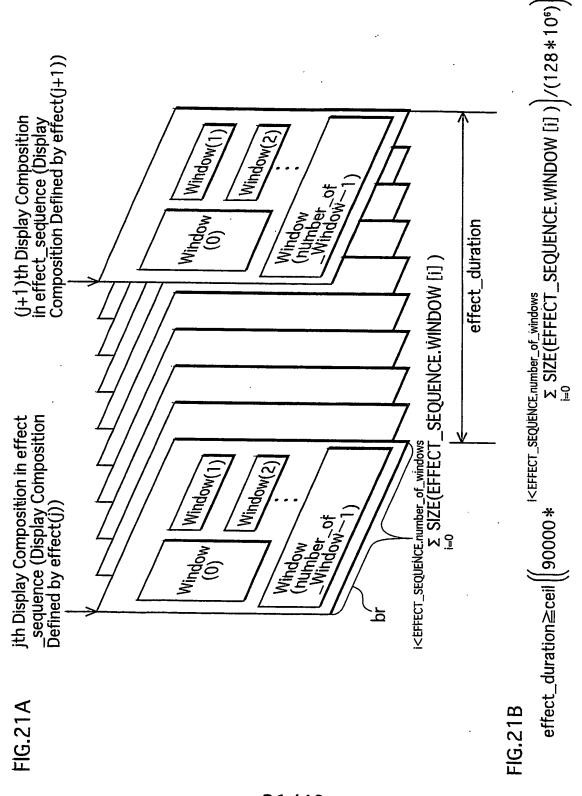


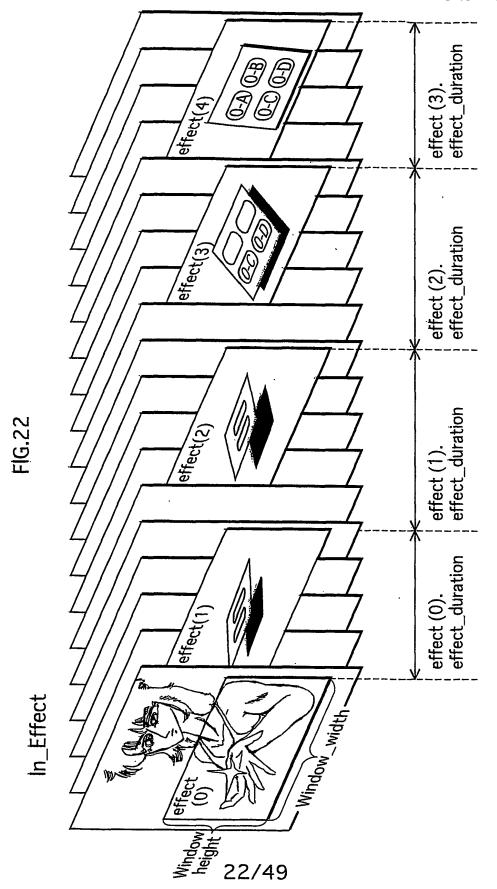
FIG.19

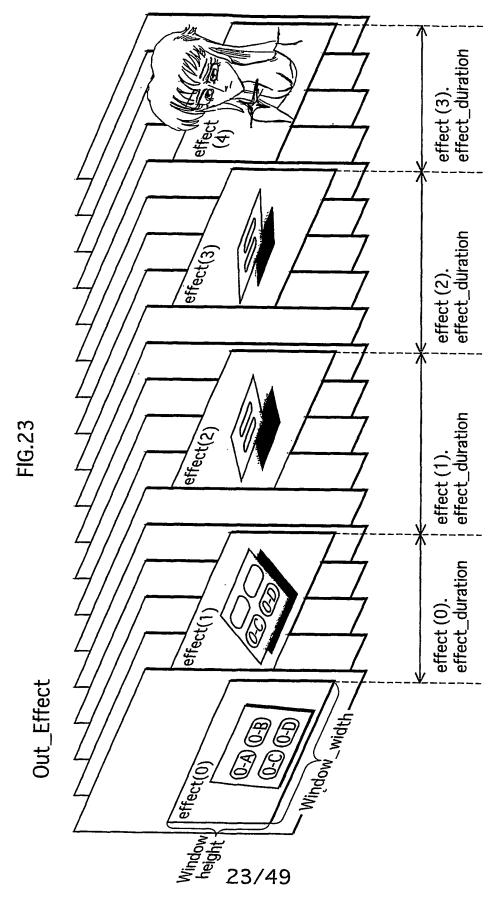






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window_id_ref object_id_ref Composition_object()

object_cropping_horizontal_position object_cropping_vertical_position object_cropping_height object_cropping_width wd2 Composition_object_horizontal_position Composition_object_vertical_position object_croppd_flag cropping_rectangle

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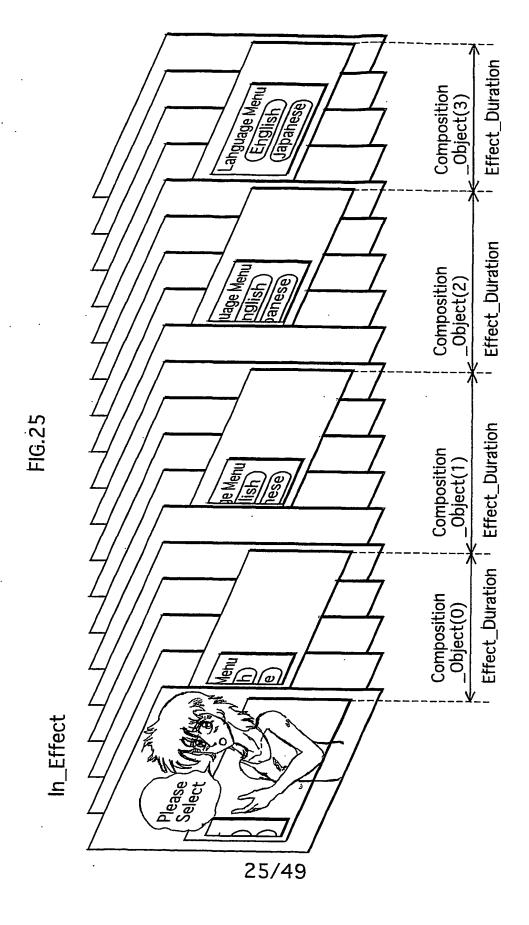


FIG.26
Composition_Object(0) Setting

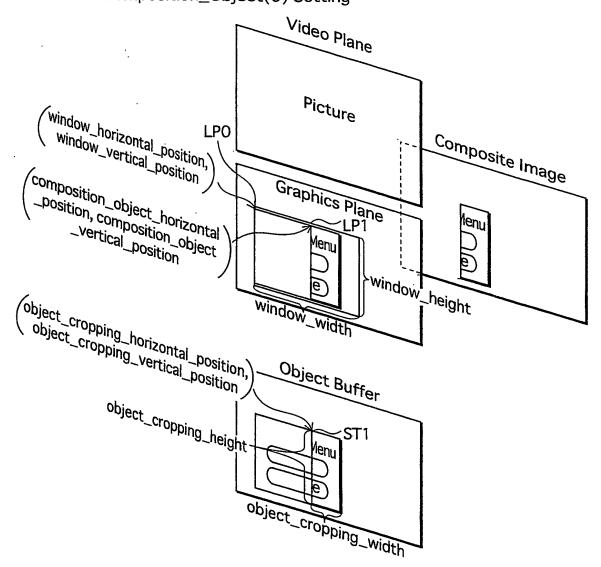


FIG.27

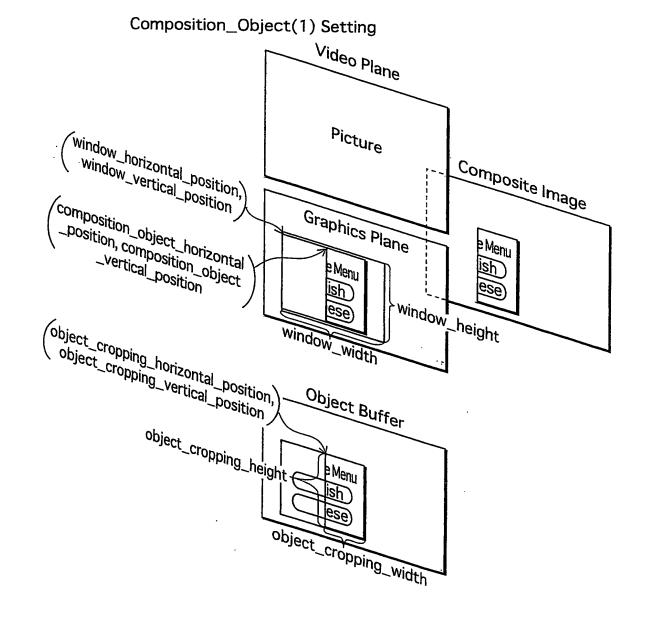


FIG.28

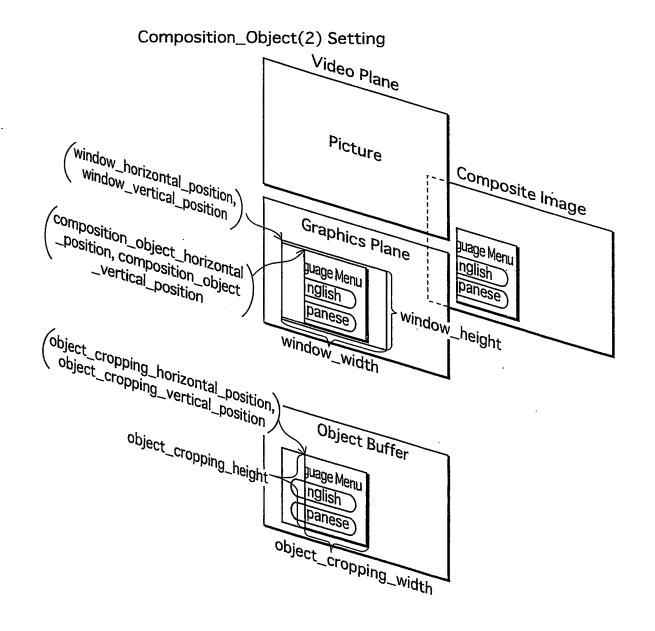


FIG.29

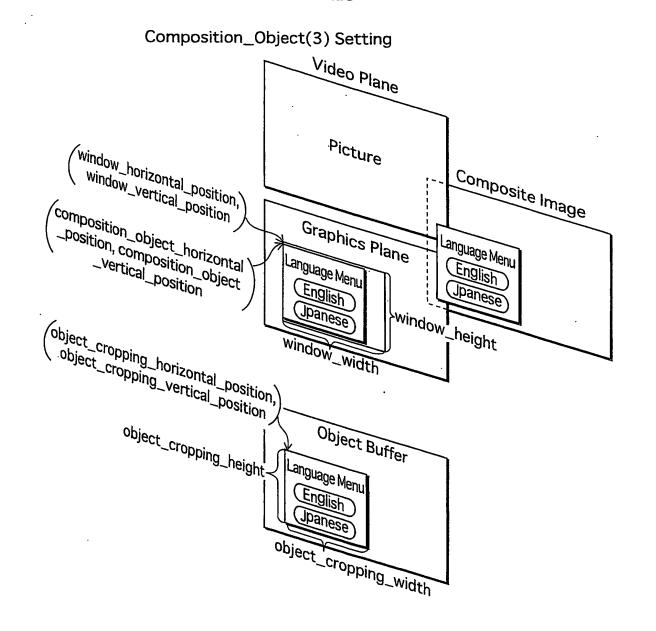
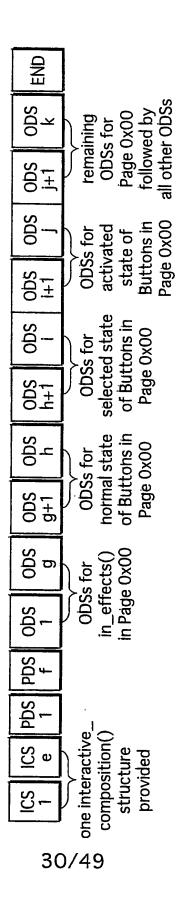
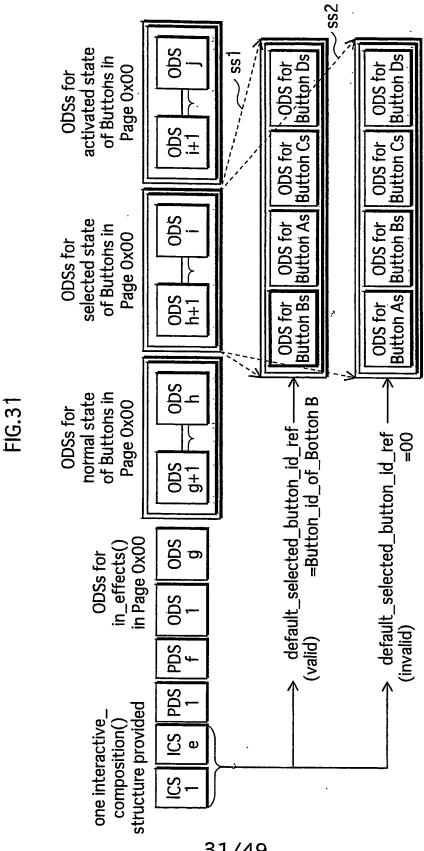
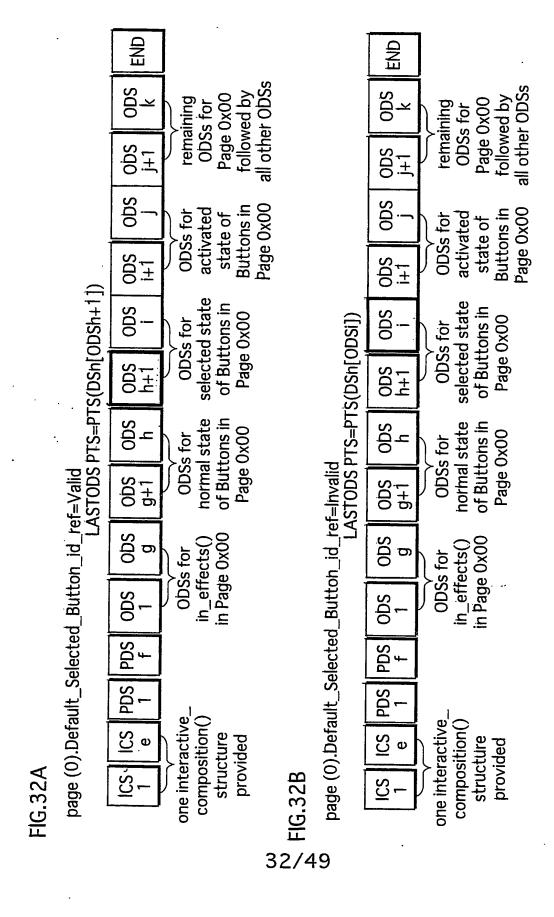


FIG.30





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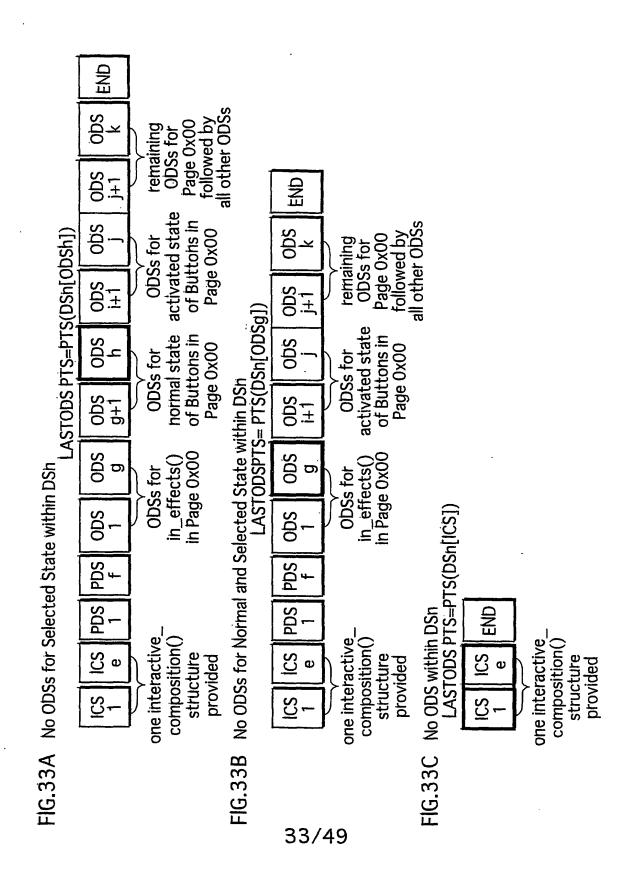
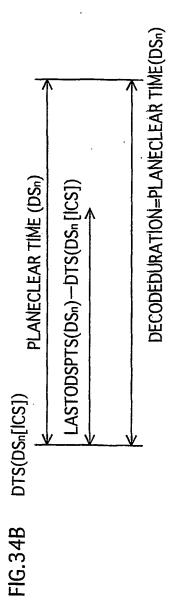


FIG.34A PTS(DSn[ICS])≥DTS(DSn[ICS])+DECODEDURATION(DSn)+TRANSFERDURATION(DSn)

Where:
• DECODEDURATION (DSn) is calculated as follows:

return(max (LASTODSPTS(DSn)—DTS(DSn [ICS]), PLANECLEARTIME(DSn)) if(DSn [ICS]. composition_state == EPOCH_START

return(LASTODSPTS(DS_n)—DTS(DS_n[ICS])



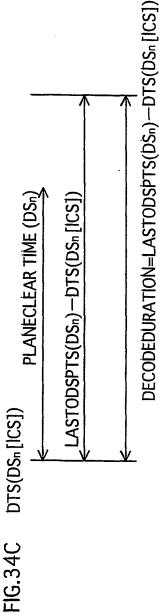


FIG.35A

Where:

 $\sum_{i=0}^{\infty} SIZE(DS_n[ICS], PAGE[0], IN_EFFECTS.WINDOW[i])$ /(128 * 10°) i<ICS.PAGE[0].IN_EFFECTS.number_of_windows

EFFECTTD(DSn)=ceil | 90000 *

FIG.35B

'i<ICS.PAGE[0].number_of_button ∑ NBSIZE(DSn, DSn [ICS]. PAGE[0].buttoh) i=0

 $/(128*10^{6})$

FIG.35C

PAGENODEFAULTTD(DSn)=ceil | 90000 * | +BSIZE(DSn, LRG{button : button \equiv DSn [ICS]. PAGE[0]. button})

 $1/(128*10^6)$

—NBSIZE(DSn, LRG{button: button∈DSn[ICS]. PAGE[0]. button})

FIG.36

PTS(DSn [ICS])≧DTS(DSn [ICS])+DECODEDURATION(DSn)+TRANSFERDURATION(DSn)

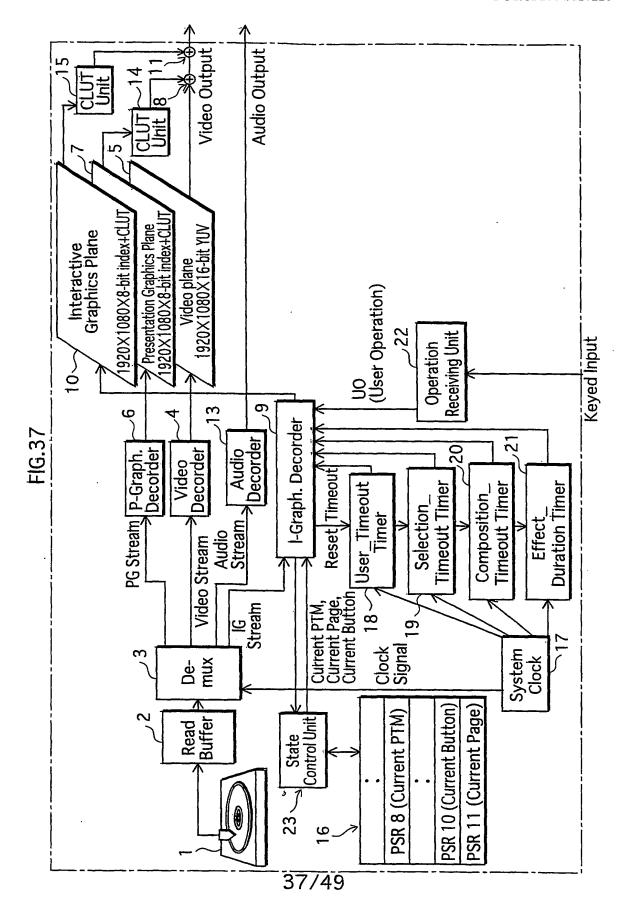
Where:

TRANSFERDURATION (DSn) is calculated as follows:

return EFFECTTD(DSn) else if(DSn[ICS]. PAGE[0]. default_selected_button_id_ref == 0xFFFF) if (DSn[ICS]. PAGE[0]. IN_EFFECTS. number_of_effects ! =0)

return PAGENODEFAULTTD(DSn)

return PAGEDEFAULTTD(DSn)



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FIG.38A

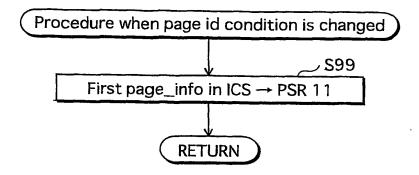


FIG.38B

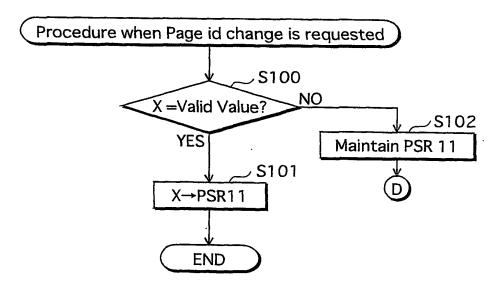


FIG.39A

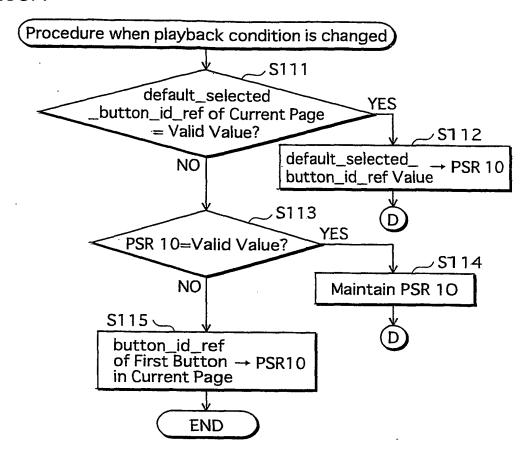
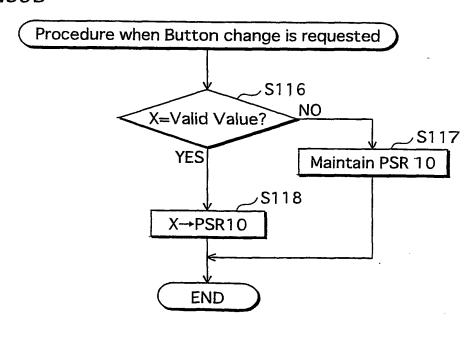
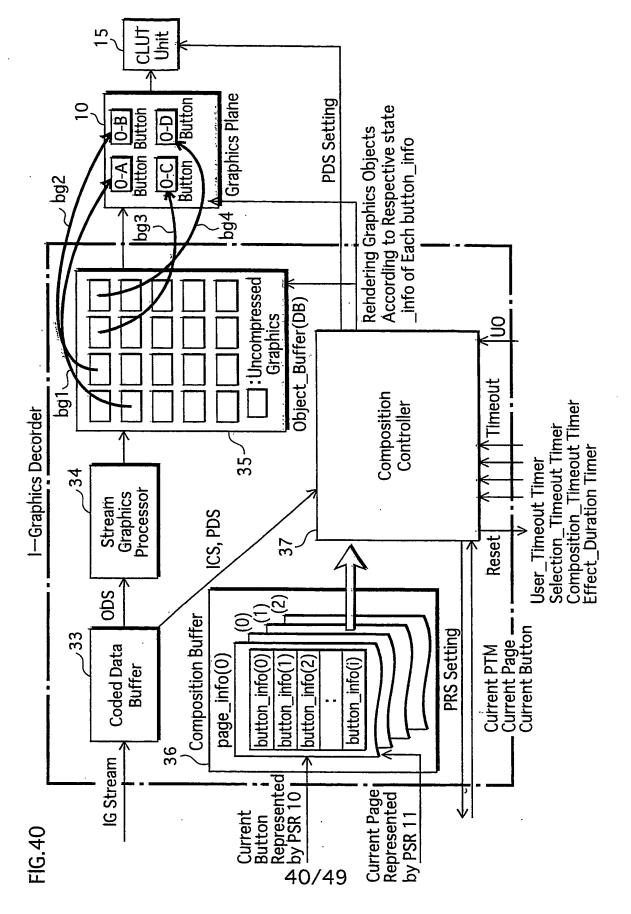


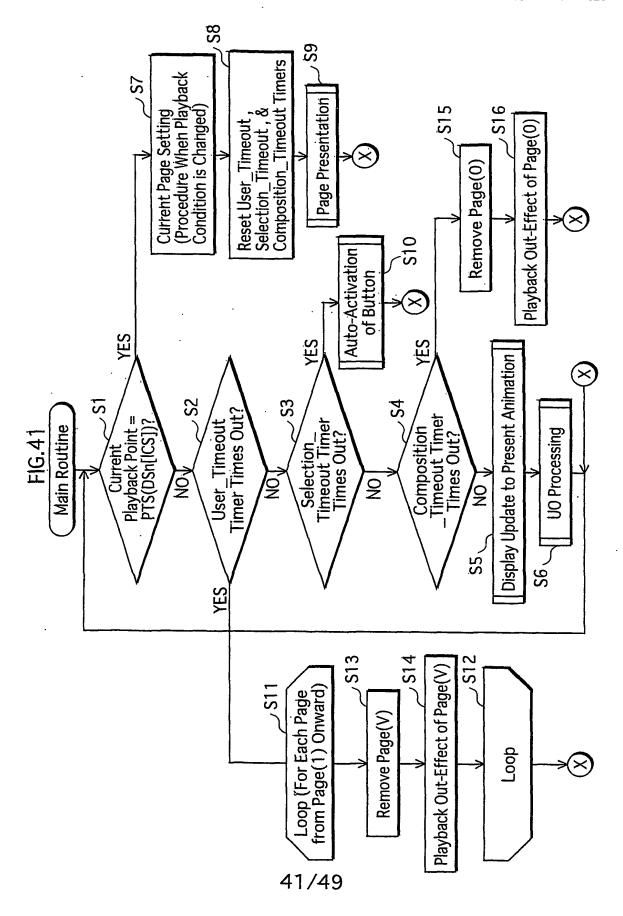
FIG.39B

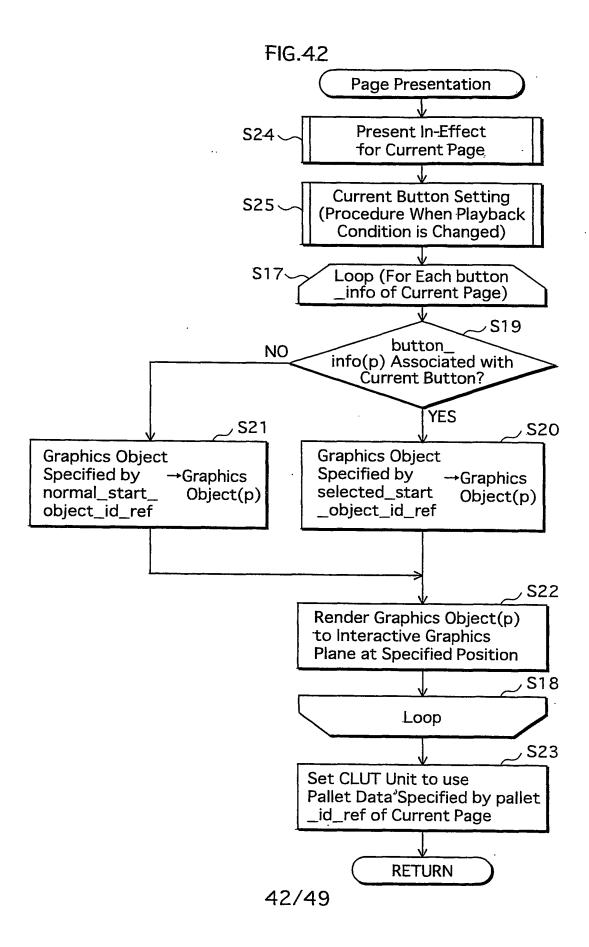


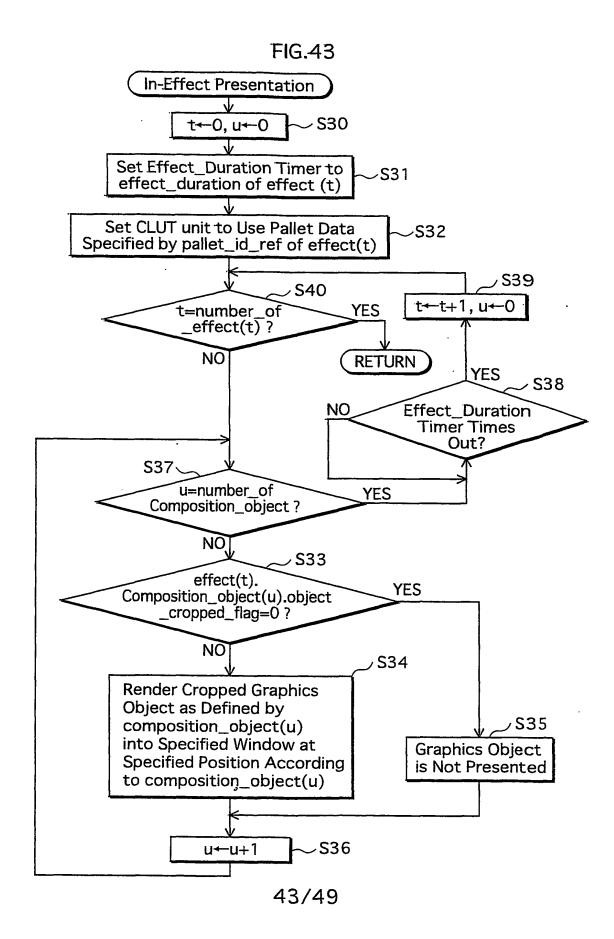
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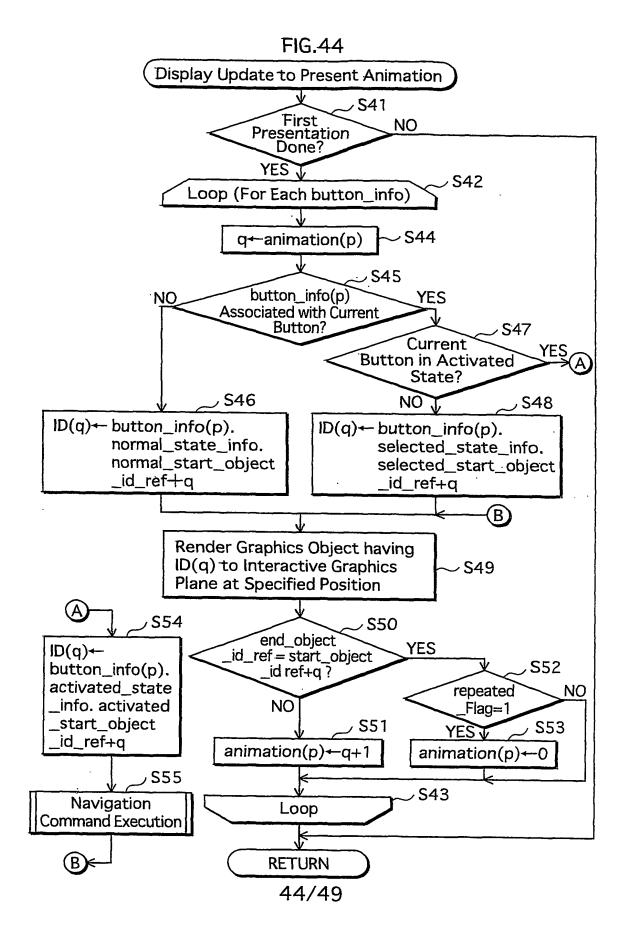
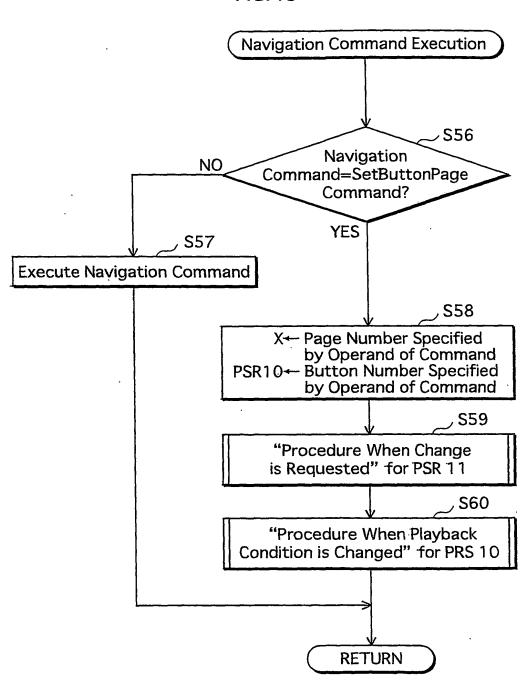


FIG.45



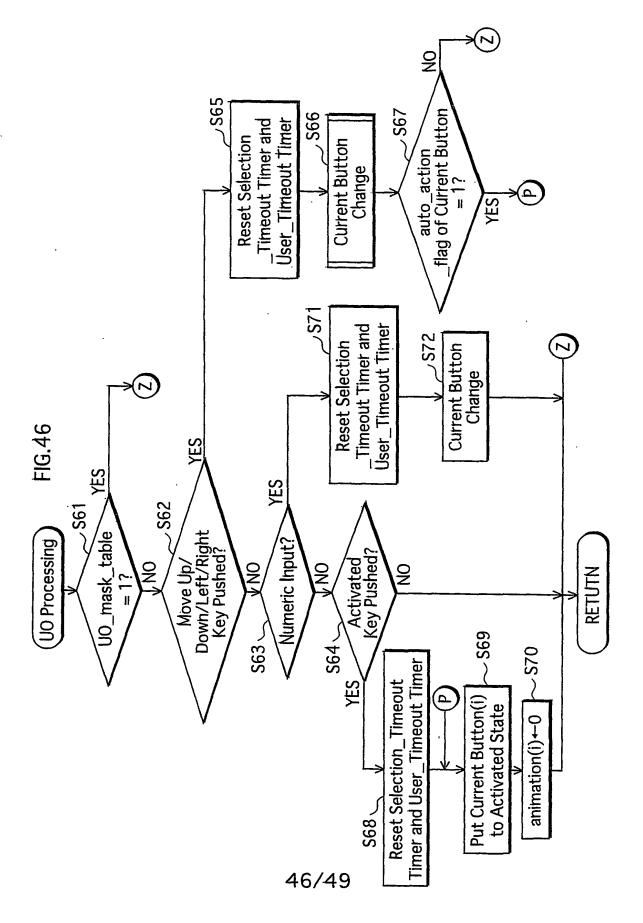
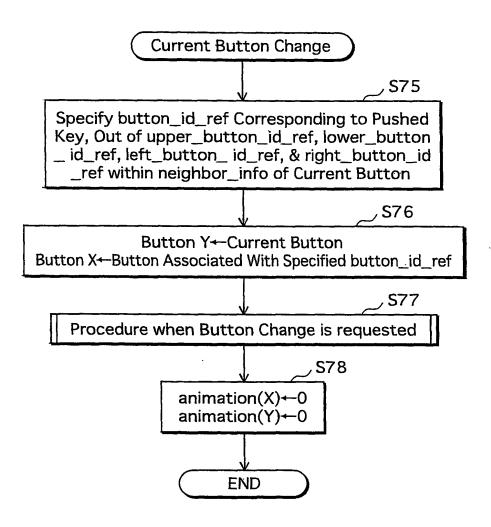
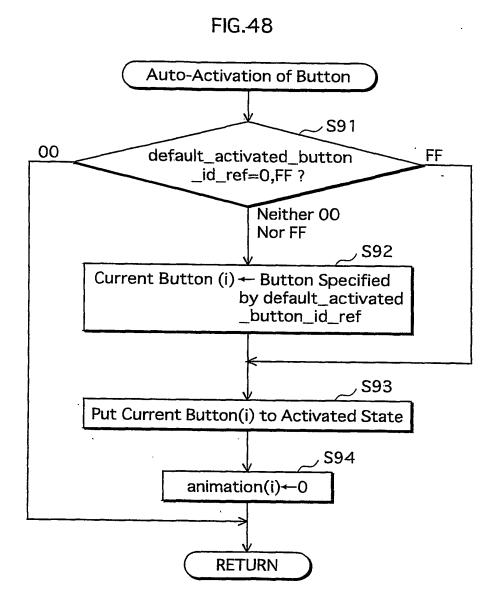


FIG.47





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